

REMARKS/ARGUMENTS

Upon entry of the instant amendment, claims 1-6, 8-12 and 13-16 are pending. Claim 7 was cancelled previously and claim 13 is being cancelled currently. The Applicant notes with appreciation the allowability of claims 5, 10, 11 and 15-16. A request for continued examination is submitted herewith pursuant to 37 C.F.R. § 1.114. It is respectfully submitted that upon entry of the instant amendment and consideration of the remarks below, the application is in condition for allowance.

CLAIM REJECTIONS – 35 U.S.C. §112:

Claims 5, 6, 8, 10, 13 and 15 have been rejected under 35 U.S.C. §112, second paragraph for allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter which the applicant regards as the invention.^{1/}

Claims 6, 8, 10, 13 and 15 have been amended to overcome the antecedent basis problem set forth in paragraph 3 of the Detailed Action. Accordingly, it is respectfully submitted that this rejection has been overcome.

CLAIM REJECTIONS – 35 U.S.C. §102:

Claims 1-4, 6, 8, 9, and 12-14 have been rejected under 35 U.S.C. §102(b) as being anticipated by Long U.S. patent no. 5,886,575. In order for there to be anticipation, each and every one of the elements of the claims must be found in a single reference. It is respectfully submitted that the claims recite elements specifically not disclosed or suggested in the Long patent. For example, the claims all recite a Doherty driver amplifier serially connected to a Doherty power amplifier. The driver amplifier is recited to be a predistortion circuit whose bias levels are selected to precompensate for distortion by the downstream of power amplifier. The Long patent does not disclose or suggest such structure. Rather the Long patent provides a much

^{1/} It is respectfully submitted that the rejection of Claim 5 under 35 U.S.C. §112 is an error since no reference in paragraph 3 of the Detailed Action is made to the basis for this rejection.

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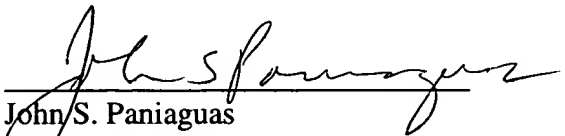
more complicated solution to essentially the same problem. Rather than adjusting the bias of a predistortion amplifier, the system disclosed in the Long patent utilizes an upstream attenuation circuit that is driven by samples from the output of the downstream Doherty power amplifier. With such a circuit as disclosed in the Long patent, the output signals are sampled in are used to adjust the attenuation of the input signal to thereby control the gain of the overall amplifier. Such a system is much more complicated and requires the addition of a variable attenuator. For these reasons, Examiner is respectfully request to reconsider and withdraw the rejection of these claims.

CONCLUSION

An earnest attempt has been made to place the application in condition for allowance. An early allowance is thus earnestly solicited.

Respectfully submitted,

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